

UNITED STATES DEPARTMENT OF COMMERCE JPU  
U.S. Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
57906-A

APPLICATION NO / CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

6/26/03

1mo: 7/26/03  
2mo: 8/26/03  
3mo: 9/26/03  
4mo: 10/26/03  
5mo: 11/26/03  
6mo: 12/26/03 W.D.

EXAMINER
----------

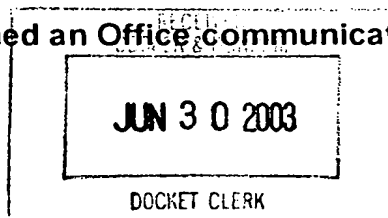
ART UNIT	PAPER
----------	-------

DATE MAILED:

11

RECEIVED  
JUL 17 2003  
TECH CENTER 1600/2900

Please find below and/or attached an Office communication concerning this application or proceeding.



Commissioner for Patents

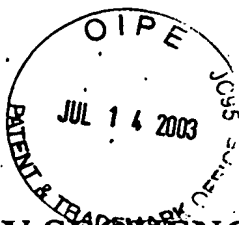
The reply filed on March 29, 2002, Paper No. 8 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): Applicant has failed to comply with the requirements of 37 CFR 1.821-1.825, see attached sheet(s) and 37 CFR 1.111. Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

The Art Unit location of your application in the PTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Examiner Emily Le, Art Unit 1648.

Any inquiry concerning this communication should be directed to Emily Le at telephone number (703) 305 - 4452.

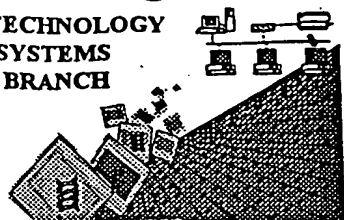
JEFFREY STUCKER  
PRIMARY EXAMINER

Emily Le



## **RAW SEQUENCE LISTING** **ERROR REPORT**

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



P#10

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/464,902  
Source: 1648  
Date Processed by STIC: 4/10/02

RECEIVED  
JUL 17 2003  
TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

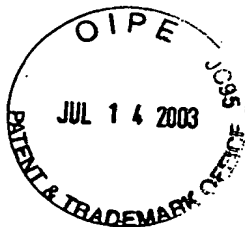
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,  
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,  
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



Does Not Comply  
Corrected Diskette Needed

1648

Formatting error. Please contact  
Robert Wax at  
703-306-4119  
703-306-4216  
for assistance.

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/464,902

DATE: 04/10/2002  
TIME: 14:07:09

Input Set : A:\PTO.VSK.txt  
Output Set: N:\CRF3\04102002\I464902.raw

```

1 <110> APPLICANT: WILLIAM, OLSON C. PAUL,
--> 2 <120> TITLE OF INVENTION: SYNERGISTIC INHIBITION OF HIV-1 FUSION AND ATTACHMENT,
--> 3 <130> FILE REFERENCE: 2048/57906-A<140> US 09/464,902<141>
--> 4 <140> CURRENT APPLICATION NUMBER: US/09/464,902
--> 4 <141> CURRENT FILING DATE: 1999-12-16
--> 4 <160> NUMBER OF SEQ ID: 4 <170> PatentIn version 3.1<210> 1<211> 31<212>

```

#### ERRORED SEQUENCES

```

5 <213> ORGANISM: HUMAN<400> 1
--> 7 <210> SEQ ID NO:
--> 7 <211> LENGTH:
--> 7 <212> TYPE:
--> 7 <400> SEQUENCE:
7 Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
8 1 5 10 15
11 Ser Glu Pro Cys Gln Lys Ile Asn Lys Gln Ile Ala Ala Ala Arg
12 20 25 30
15 <210> SEQ ID NO: 2<211> 15<212> PRT<213> HUMAN<400> 2
--> 17 <211> LENGTH:
--> 17 <212> TYPE:
--> 17 <213> ORGANISM:
--> 17 <400> SEQUENCE:
17 His Tyr Ala Ala Gln Trp Asp Phe Gly Asn Thr Met Cys Gln
18 1 5 10 15
21 <210> SEQ ID NO: 3<211> 27<212> PRT<213> HUMAN<400> 3
--> 23 <211> LENGTH:
--> 23 <212> TYPE:
--> 23 <213> ORGANISM:
--> 23 <400> SEQUENCE:
23 Arg Ser Gln Lys Glu Gly Leu His Tyr Thr Cys Ser Ser His Phe Pro
24 1 5 10 15
27 Tyr Ser Gln Tyr Gln Phe Trp Lys Asn Phe Gln
28 20 25
31 <210> SEQ ID NO: 4<211> 17<212> PRT<213> HUMAN<400> 4
--> 33 <211> LENGTH:
--> 33 <212> TYPE:
--> 33 <213> ORGANISM:
--> 33 <400> SEQUENCE:
33 Gln Glu Phe Phe Gly Leu Asn Asn Cys Ser Ser Ser Asn Arg Leu Asp
34 1 5 10 15
37 Gln

```

RECEIVED

APR 18 2002

TECH CENTER 1600/2900

RECEIVED  
JUL 17 2003  
TECH CENTER 1600/2900

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 CFR 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☒ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 7.

Other: \_\_\_\_\_

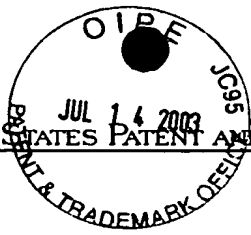
**Applicant must provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing"
- ☐ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d)

For questions regarding compliance with these requirements, please contact:

For Rules Interpretation, call (703) 308-1123  
For CRF submission help, call (703) 308-4212  
For PatentIn software help, call (703) 557-0400

Please return a copy of this notice with your response.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/464,902	12/16/1999	WILLIAM C. OLSON	57906-AJPW/S	8227

7590 06/26/2003  
COOPER & DUNHAM LLP  
1185 AVENUE OF THE AMERICAS  
NEW YORK, NY 10036

EXAMINER

LE, EMILY M

ART UNIT	PAPER NUMBER
----------	--------------

1648

DATE MAILED: 06/26/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

RECEIVED  
JUL 17 2003  
TECH CENTER 1600/2900